Title (en)
Data packet transmission method

Title (de)
Datenpaketübertragungsverfahren

Title (fr)
Procédé de transmission de paquets de données

Publication
EP 2741463 A1 20140611 (EN)

Application
EP 13185759 A 20130924

Priority
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Abstract (en)
Embodiments of the present invention relate to the field of computer networks, and disclose a data packet transmission method and a related device and system. In the method, a traditional communication protocol (such as TCP) handshake process is optimized, so that data packet transmission may be implemented in the handshake process; and the data packet transmission does not depend on completion of the handshake, thereby effectively reducing a data packet transmission delay caused by an RTT delay existing in the handshake process.

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H04L 45/74 (2022.01)

CPC (source: EP US)
H04L 67/14 (2013.01 - EP US); **H04L 69/163** (2013.01 - EP US); H04L 9/40 (2022.05 - US); H04L 65/40 (2013.01 - US)

Citation (search report)
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- [A] BORDER HUGHES NETWORK SYSTEMS M KOJO UNIVERSITY OF HELSINKI J GRINER NASA GLENN RESEARCH CENTER G MONTENEGRO SUN MICROSYSTEMS J ET: "Performance Enhancing Proxies Intended to Mitigate Link-Related Degradations; rfc3135.txt", 20010601, June 2001 (2001-06-01), XP015008916, ISSN: 0000-0003
- [A] LADIWALA S ET AL: "Transparent TCP acceleration", COMPUTER COMMUNICATIONS, ELSEVIER SCIENCE PUBLISHERS BV, AMSTERDAM, NL, vol. 32, no. 4, 4 March 2009 (2009-03-04), pages 691 - 702, XP025937583, ISSN: 0140-3664, [retrieved on 20081207], DOI: 10.1016/J.COMCOM.2008.11.036

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DOCDB simple family (publication)
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US 201314028183 A 20130916; CN 201210427670 A 20121031; EP 13185759 A 20130924